WHAT IS CLAIMED IS:

1. A method for expediting reading and writing on a non-volatile storage medium, including the following steps:

adjusting the size, location, and allocation unit (cluster) of each system parameter block in the file system of a non-volatile storage medium at system planning/formatting; and

writing in data starting from the initial position of one of the blocks of the non-volatile storage medium each time when the host end is storing data into the non-volatile storage medium.

2. The method for expediting reading and writing on a non-volatile storage medium as claimed in claim 1, wherein the size, location, and allocation unit (cluster) of files in the system parameter blocks are adjusted through software.

3. The method for expediting reading and writing on a non-volatile storage medium as claimed in claim 1, wherein the method for adjusting the size, location, and allocation unit (cluster) of each system parameter block includes the following steps:

first, the host end gives command to the non-volatile storage medium for the capacity and block size of the storage medium, and then the size, location, and allocation unit (cluster) of each system parameter block will be calculated according to the capacity and block size of the non-volatile storage medium;

second, the parameters of the system parameter blocks will be

corrected according to the calculated values of the size, location, and allocation unit (cluster) of each system parameter block; and third, the host end will give a command for writing data from the system parameter blocks to the non-volatile storage medium so as to complete the system planning/formatting, and by doing so, each data writing that follows afterwards will start from the initial position of one of the blocks.

4. The method for expediting reading and writing on a non-volatile storage medium as claimed in claim 3, wherein the step of inquiry made from the host end to the non-volatile storage medium about the capacity and block size of the non-volatile storage medium is carried out by commands.

5. The method for expediting reading and writing on a non-volatile storage medium as claimed in claim 3, wherein the system parameter blocks include master boot record (MBR), basic input/output system (BIOS) parameter block (BPB), file allocation table (FAT), and root directory.

6. The method for expediting reading and writing on a non-volatile storage medium as claimed in claim 5, wherein the step of correcting the parameters of the system parameter blocks is to correct the parameters of the master boot record (MBR) and BIOS parameter block (BPB).

7. The method for expediting reading and writing on a non-volatile

storage medium as claimed in claim 1, wherein the work of adjusting the size, location, and allocation unit (cluster) of each system parameter block is carried out by labor manipulation.

8. The method for expediting reading and writing on a non-volatile storage medium as claimed in claim 1, wherein the smallest unit of a file is a cluster.

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